Index of Claims

| Application No. | Applicant(s) |
|-----------------|--------------|
| 10/615,161      | SUZUKI, KOJI |
| Examiner        | Art Unit     |
| Daniel St.Cyr   | 2876         |

| Rejected | ed | - | (Through numeral)<br>Cancelled |
|----------|----|---|--------------------------------|
| Allowed  |    | + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
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| 0 | Objected |

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|----------|-------------|--|--|--|--|--|--|--|--|--|---|-------------|----------|----------|---------------|--------|---------|----------|--|----|
| Cla      | aim         |  |  |  | _  | Date   |  |  |  |  | 1 | Cla         | aim      |          | ,             |        | Dat     | _        |  |    |
| U        | <del></del> | -  | Г  | 1  | Г '  |  | Ť  | Г  | Ι  | · · · · ·  | 1 |             |          | $\neg$   | $\neg$        | T      | T       | Ť        | $\Box$   | Т  |
| Final    | Original    | 3/22/04  |  |  |  |  |  |  |  |  | : | Final       | Original |          |               |        |         |          |  |    |
|          | 1           |  |  |  | Г  |  |  |  |  |  |   |             | 51       |          |               | Т      | П       |          | П  | Γ  |
|          | 2           |  |  |  |  |  |  |  |  |  | 1 |             | 52       |          | $\neg \vdash$ |        | П       |          | П  | Γ  |
|          | 3           |  |  |  |  |  |  |  |  |  | 1 |             | 53       |          |               |        |         | Π        |  | Г  |
|          | 4           |  |  |  |  |  |  |  |  |  |   |             | 54       |          |               |        |         | П        | П  | Г  |
|          | 5           |  | Н  | 一  | <del>                                     </del> |  |  |  |  | _  | 1 |             | 55       | $\dashv$ | +             | 1      | T       | 1        | T  | T  |
| -        | 6           | $\vdash$   | Н  | T  | ┰  | T  |  |  |  | _  | 1 |             | 56       | $\dashv$ | +             | +      | t       | Т        | T  | t  |
| $\vdash$ | 7           | _  | $\vdash$   | T  | $\vdash$   | $\vdash$   | -  | $\vdash$   | -  | I  | 1 |             | 57       | $\dashv$ | $\top$        | +      | +       | 1        | ┢  | T  |
| $\vdash$ | 8           |  | -  | <del> </del>                                     | <del> </del>                                     | <del>                                     </del> | $\vdash$   |  | $\vdash$   |  | 1 |             | 58       |          | +             | +      | T       | t        | t  | t  |
| -        | 9           |  |  | $\vdash$   | H  | $\vdash$   | -  | <del>                                     </del> | $\vdash$   | $\vdash$   | 1 |             | 59       | $\dashv$ | $\top$        | +      | T       | 1        | <u> </u>   | t  |
|          | 10          |  | $\vdash$   |  | ┢  | -  | H  |  |  |  | 1 |             | 60       | $\dashv$ | +             | +      | +       | Н        | ╁  | t  |
| -        | 11          |  | $\vdash$   | ╁  | $\vdash$   | $\vdash$   | ╁  | $\vdash$   | ┢  | <del>                                     </del> |   |             | 61       |          | +             | ┰      | +-      | t        | t  | t  |
|          | 12          | -  |  | t  | H  |  | H  | ┢  | -  | <del>                                     </del> | 1 |             | 62       | -        | +             | +-     | ╁       | ╁        | <del>                                     </del> | t  |
|          | (13)        | V  | ┢  | ┢  | ╁╌   | ┢  |  | $\vdash$   | $\vdash$   | <del> </del>                                     | 1 |             | 63       | -        | +             | +      | +       | +-       | ╁  | t  |
| -        | 14          | 4  |  | $\vdash$   | H  | ┢  | $\vdash$   |  | $\vdash$   | H  | 1 |             | 64       |          | +             | +      | +       | ╁╌       | $\vdash$   | H  |
| -        | 15          | Н  | $\vdash$   |  | ╁  | -  | ┢  | ┢  | -  | -  | { |             | 65       | -        | +             | +      | ╁╌      | +        | ╁  | t  |
|          | 16          | Н  | ⊢  | <del> </del>                                     | ┢  | ┢  | ├  | ┢  | ⊢  | ┝  | 1 |             | 66       | -        | +             | ╅      | ╁┈      | ╁        | <del>                                     </del> | H  |
| <u> </u> | 10          | ₩  | ⊢  | ├  | ├  |  | $\vdash$   | $\vdash$   | ┝  |  | ł |             | 67       | -        |               |        | +-      | ╁        | <del>                                     </del> | ╁  |
|          | 18          | ╫  | ⊢  | ┢  | -  | -  | $\vdash$   | ├  | $\vdash$   |  |   |             | 68       | $\vdash$ | +             | +      | +       | ╁        | <del> </del>                                     | ╁╴ |
|          | 19          | ╫  | ⊢  | ├  | ├  | $\vdash$   | $\vdash$   |  | ⊢  | ├  | ł |             | 69       | $\dashv$ | +             | +      | +       | +-       | ├  | ╁  |
| -        | 20_         | V  | ⊢  | ⊢  |  | ├  | ┢  | -  | $\vdash$   |  | ł |             | 70       | +        | +             | ╫      | ╁       | ╁        | ╁  | H  |
|          | 21          | ۲,   | ⊢  | ╁  | $\vdash$   | ┢  | $\vdash$   | ├  | <del> </del>                                     | ┝  | 1 |             | 71       |          |               | ╅      | ╁       | ╁╌       | ╁  | H  |
| -        | 22          | -  | -  | ╁  | ┢  | $\vdash$   | $\vdash$   | ┢  | ⊢  | -  | 1 |             | 72       | $\dashv$ | +             | +      | ╁       | +-       | ╫  | ┝  |
| -        | 23          | ┢╌   |  | -  | -  | -  | ├  | ⊢  | $\vdash$   | ┝  | 1 |             | 73       | $\dashv$ | +             | +      | ╁       | ┼┈       | ╁╌   | ╁  |
| $\vdash$ | 24          | $\vdash$   | $\vdash$   | $\vdash$   | ╁  | $\vdash$   | ├  | ┢  | -  | $\vdash$   | 1 |             | 74       | $\dashv$ | +             | +      | ╁       | ╁╌       | -  | ╁  |
| <b></b>  | 25          |  | <del>                                     </del> | ╁  |  |  | ┢  |  | ┢╌   | ╁┈   | 1 | -           | 75       |          | $\dashv$      | +      | +       | 1        | <del>                                     </del> | t  |
| <b> </b> | 26          | -  |  | -  |  | <del>                                     </del> | $\vdash$   |  | $\vdash$   | $\vdash$   | 1 |             | 76       | $\dashv$ | +             | +      | +       | -        | <del> </del>                                     | t  |
|          | 27          | t  | ┢  | $\vdash$   | ┰  | <b>†</b>   | T  | T  |  |  | 1 |             | 77       | $\neg$   | +             | +      | T       | t        | T  | t  |
|          | 28          | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | <del> </del>                                     | T  |  |  | 1 |             | 78       | $\dashv$ | +             | ╅      | T       | +        | t  | t  |
|          | 29          | $\vdash$   | $\vdash$   | ┢  | $\vdash$   | ┢  | $\vdash$   | 1  | $\vdash$   |  | 1 |             | 79       | $\dashv$ | +             | ╁      | ╁       | t        | 一  | t  |
| -        | 30          | ┢  | ┪  | ┢  | <del>                                     </del> | ┢  | $\vdash$   |  | $\vdash$   | ┢  | 1 |             | 80       | $\dashv$ | +             | +      | +       | +        | †  –   | t  |
|          | 31          | $\vdash$   | $\vdash$   | $\vdash$   | -  | ╁  | $\vdash$   |  |  | H  | 1 |             | 81       | o        | 十             | +      | +       | $\vdash$ | <b>-</b>   | t  |
|          | 32          | ┢  | ┝  | <del>                                     </del> | <del>                                     </del> |  |  | 1  | $\vdash$   |  | 1 |             | 82       | _        | 十             | +      | ╁╌      | ╁        | <del>                                     </del> | t  |
|          | 33          | <del>                                     </del> | $\vdash$   | t  |  |  |  |  | _  | <del>                                     </del> | 1 |             | 83       | _        | $\dashv$      |        | 1-      | +        | ⇈  | t  |
|          | 34          | $\vdash$   | $\vdash$   | H  | t  |  | $\vdash$   | _  | <del>                                     </del> | -  | 1 | $\vdash$    | 84       | $\dashv$ | $\top$        | 十      | +       | +        |  | t  |
|          | 35          | <del>                                     </del> | -  | <del>                                     </del> | $\vdash$   | ┢  |  | t  |  | $\vdash$   | 1 |             | 85       |          | +             | 十      | ╁       | +        | t  | t  |
|          | 36          | $\vdash$   | $\vdash$   | $\vdash$   | H  | ╁  | $\vdash$   | ╁  | $\vdash$   | $\vdash$   | 1 |             | 86       | -        | +             | +-     | +       | +        | ╁╌   | r  |
|          | 37          |  | $\vdash$   | t  | t  |  |  | $\vdash$   | <del> </del>                                     | <del>                                     </del> | 1 |             | 87       | $\dashv$ | +             | +      | $\top$  | $\vdash$ | ╁  | t  |
|          | 38          | $\vdash$   | $\vdash$   | $\vdash$   | $t^-$  | $\vdash$   | $\vdash$   | $\vdash$   | -  | $\vdash$   |   |             | 88       | -        | +             | +      | $t^{-}$ | $\vdash$ | T  | t  |
|          | 39          | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | <del>                                     </del> | $\vdash$   | T  |  | $\vdash$   | 1 |             | 89       | $\vdash$ | +             | +      | +       | +        | T  | t  |
|          | 40          | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$   | ┢  |   |             | 90       | $\vdash$ | +             | +      | +-      | +        | $\vdash$   | t  |
|          | 41          |  |  | ╁  | ┢  | ├  | ╁  | ┢  | $\vdash$   | ┢  | 1 | _           | 91       | $\dashv$ | ╅             | +      | ╁       | +        | ┢  | t  |
|          | 42          |  | Η-   | $\vdash$   | ╁  |  |  |  | <del>                                     </del> | <del>                                     </del> | 1 | <del></del> | 92       | $\vdash$ | $\dashv$      | +      | +       | +        | $t^-$  | t  |
|          | 43          | ┰  | $\vdash$   | $\vdash$   | $\vdash$   | <del> </del>                                     | <del>                                     </del> | <del>                                     </del> | $\vdash$   | Н  | 1 | $\vdash$    | 93       | $\dashv$ | +             | +      | +-      | 1        | 1  | t  |
| $\vdash$ | 44          | t  | $\vdash$   | t  | H  | ┢  | 一  | $\vdash$   | Т  | $\vdash$   | 1 |             | 94       | $\dashv$ | +             | +      | †       |          | 1  | t  |
|          | 45          | $\vdash$   | <del> </del>                                     | t  | t  | <u> </u>   |  | <del>                                     </del> | H  |  |   |             | 95       | $\dashv$ | +             | +      | T       | T        | $t^-$  | t  |
|          | 46          | <del>                                     </del> | $\vdash$   | $\vdash$   | Н  | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$   | $\vdash$   | 1 | _           | 96       | $\dashv$ | +             | $\top$ | +       | $\vdash$ | t  | t  |
| $\vdash$ | 47          | t  | $\vdash$   | 1  | Н  | $\vdash$   | T  | <del>                                     </del> | $\vdash$   | $\vdash$   |   | <b></b>     | 97       | $\dashv$ | +             | +      | 1       | 1        | $t^-$  | t  |
| $\vdash$ | 48          | $\vdash$   | $\vdash$   | $t^{-}$  | Н  | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$   | $\vdash$   | 1 |             | 98       | $\dashv$ | +             | +      | ╁╌      | 1        | † <del></del>                                    | t  |
|          | 49          | $\vdash$   | $\vdash$   | 1  | Н  | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$   | $\vdash$   | 1 |             | 99       | $\dashv$ | +             | +      | +-      | $\vdash$ | <b>!</b>   | t  |
|          | 50          | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | <del>                                     </del> |  |  | $\vdash$   | $\vdash$   | 1 |             | 100      | $\dashv$ | +             | $\top$ | †       | T        | <u> </u>   | t  |
|          | ,           |  |  |  |  |  |  |  |  |  |   |             | ,        |          |               |        |         |          |  |    |

| Cli          | aim   |  |              |              |  | Date     | <br>e        |  |              |                      |
|--------------|---|--|--------------|--------------|--|----------|--------------|--|--------------|----------------------|
|              |   |  |              | П            |  |          |              |  |              | П                    |
| Final        | Original                                      |  |              |              |  |          |              |  |              |                      |
|              | 101   |  |              |              |  |          |              |  |              |                      |
|              | 102   | _  | <u> </u>     |              | _  |          |              | _  |              | _                    |
|              | 103   |  |              |              | <u> </u>   | _        |              | _  |              | $\vdash$             |
|              | 104   | _  | ├            |              | H  | <u> </u> | _            | _  | _            | $\vdash$             |
| <u> </u>     | 105<br>106                                    |  | ⊢            |              | -  | <u> </u> |              |  |              | $\vdash$             |
| -            | 107   |  | -            | <u> </u>     | H  | _        |              |  |              | Н                    |
| <u> </u>     | 108   |  | $\vdash$     | _            |  |          |              |  | _            | -                    |
|              | 109   |  |              |              | $\vdash$   |          | _            | _  |              | $\vdash$             |
|              | 110   | _  | <u> </u>     |              |  | Т        |              |  | _            |                      |
|              | 111   |  |              |              |  |          |              |  |              |                      |
|              | 112   |  |              |              |  |          |              |  |              |                      |
|              | 113   |  |              |              |  |          |              |  |              |                      |
|              | 114   |  |              |              | $\Box$   | L        |              | $oxed{\Box}$                                     | $oxed{\Box}$ | Ш                    |
| $oxed{oxed}$ | 115   |  |              |              | Ш  | Ц.       |              |  |              | Ш                    |
|              | 116   | <u> </u>   | _            | _            |  | _        |              | L  |              | Щ                    |
| <u> </u>     | 117   | ļ  |              |              | <u> </u>   |          | L            | _  | L            | Ш                    |
| <u> </u>     | 118   | _  | -            | -            | ⊢  | $\vdash$ | ⊢            | -  | _            | Н                    |
| <b>-</b>     | 119<br>120                                    |  | ┢            | ┝            | $\vdash$   | ⊨        | ┢            | $\vdash$   |              | $\dashv$             |
| -            | 121   | <u> </u>   | -            |              | -  | -        | -            | <del> </del>                                     | -            | $\vdash$             |
|              | 122   | -  | ├─           | -            | -  |          | -            | ┢  | _            | $\vdash$             |
|              | 123   | $\vdash$   | $\vdash$     | -            |  | -        | -            | ┢─   | _            | М                    |
|              | 122<br>123<br>124<br>125<br>126<br>127<br>128 | ┈  | $\vdash$     | _            | <del>                                     </del> |          |              | <del>                                     </del> | $\vdash$     | Н                    |
|              | 125   | Т  | Т            | Г            | Г  |          |              |  |              | П                    |
|              | 126   |  |              |              |  |          |              |  |              |                      |
|              | 127   |  |              |              |  |          |              |  |              |                      |
|              | 128   |  |              |              |  |          | <u> </u>     |  |              | Щ                    |
|              | 129   |  | L            | _            |  |          | <u> </u>     | <u> </u>   | <u> </u>     | Щ                    |
| ļ            | 130   | <u> </u>   | L            |              |  | _        |              | <u> </u>   | <u> </u>     | Щ                    |
|              | 131   | _  | H            |              | _  | _        | _            | ⊢  | <u> </u>     | Н                    |
|              | 132   | $\vdash$   | $\vdash$     | <del> </del> | $\vdash$   | _        | ┝            | ┝  | _            | Н                    |
| <b></b>      | 133<br>134                                    | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$     | Н                    |
| -            | 135   | $\vdash$   | $\vdash$     | <del> </del> | $\vdash$   | ├-       | -            | $\vdash$   | $\vdash$     | Н                    |
| <b> </b>     | 136   | <del>                                     </del> | <u> </u>     | H            | $\vdash$   |          | $\vdash$     | ┢  | $\vdash$     | H                    |
|              | 137   | $\vdash$   | _            | $\vdash$     | Г  |          | Т            | Г  | Т            | Н                    |
|              | 138   |  |              |              |  |          |              | Г  | Г            |                      |
|              | 139   |  |              |              |  |          |              |  |              |                      |
|              | 140   |  |              |              |  |          |              |  |              |                      |
|              | 141   | <u> </u>   |              |              |  |          | L            | $oxed{\Box}$                                     |              |                      |
| <u> </u>     | 142   |  | _            | L            | L  | L        |              | L  |              | Щ                    |
|              | 143   | <u> </u>   | _            | L            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | _        | _            | $\sqcup$   | Щ            | Ш                    |
| <u> </u>     | 144   | <u> </u>   | ⊢            | <u> </u>     | <u> </u>   | <u> </u> | $\vdash$     | L  | H            | Щ                    |
| <u> </u>     | 145   |  | <u> </u>     | <u> </u>     | <del> </del>                                     | <u> </u> | <u> </u>     | $\vdash$   | H            | $\sqcup$             |
|              | 146   | <u> </u>   | $\vdash$     | $\vdash$     | $\vdash$   | <u> </u> | <del> </del> | H  | <u> </u>     | Н                    |
|              | 147<br>148                                    | <u> </u>   | ⊢            | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$     | Η.   | $\vdash$     | $\dashv$             |
| $\vdash$     | 149   | <del> </del>                                     | $\vdash$     | $\vdash$     | -  | -        | -            | $\vdash$   | -            | $\vdash$             |
| -            | 150   | -  | <del> </del> | $\vdash$     | $\vdash$   | $\vdash$ | ├─           | $\vdash$   |              | $\vdash\vdash\vdash$ |
| Щ            | 130   | Ц.   | <u> </u>     | Ц            | Ц  | L        | L            |  | Ь            | لـــا                |